

11. An improved float shoe/collar apparatus for use during running of casing including inner and outer tubular members moveable relative to each other, at least one valve opened when running the casing, and closed when cementing the casing to prevent encroachment of fluid back into the casing.

12. The apparatus of Claim 11 further comprising a release apparatus mounted with the inner and/or outer tubular members relative to each other for releasing the movement of the inner tubular member and/or the outer tubular member longitudinally relative to each other.

13. An improved float shoe/collar apparatus for use during running of casing, comprising: inner and out tubular members moveable relative to each other, a plurality of valves opened when running the casing, and closed when cementing the casing to prevent encroachment of fluid back into the casing.

14. Float collar/shoe equipment for use in lowering a tubular string into a wellbore and cementing the tubular string in position, comprising:

an outer tubular member affixed to said tubular string;

an inner tubular member moveable between a first position and a second position with respect to said outer tubular member;

a plurality of one-way valves positioned between said inner tubular member and said outer tubular member, said plurality of one-way valves having a plurality of closure elements and a plurality of valve seats, said inner tubular member being positioned in said first position such that said inner tubular member extends through said plurality of one-way valves and covers said plurality of valve seats and maintains said plurality of closure elements in an open position such that fluid may flow through said plurality of one-way valves in two directions, said inner tubular member

92 being moveable to thereby uncover said plurality of valve seats and permit said closure elements to close such that said plurality of one-way valves then permit fluid flow in only one direction.

Please amend Claims 3-10 as follows:

Claim 3, line 1, change "apparatus" to --tool--.

Claim 4, line 1, change "apparatus" to --tool--.

Claim 5, line 1, change "apparatus" to --tool--.

Claim 6, line 1, change "apparatus" to --tool--.

Claim 7 (Amended) The [apparatus] tool of Claim 1 and further including pressure pumping apparatus at the earth's surface generating pumping pressure strokes, and said tool also including valve means, activated by said movement, to prevent fluid from re-entering said outer and inner tubular members between pumping pressure strokes.

Claim 8, line 1, change "apparatus" to --tool--.

Claim 9, line 1, change "apparatus" to --tool--.

Claim 10, line 1, change "apparatus" to --tool--.

REMARKS

Two sheets of formal drawings are enclosed herewith, to be substituted for the informal drawings previously filed, along with a letter addressed to the attention of the Office Draftsman.

Claims 11-14 have been newly added within this amendment. A clean set of Claims 1-14 is also enclosed herewith.

Reconsideration is respectfully requested for Claims 1-10, said claims having been veraciously rejected as follows: